



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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RBEA62309
Job Sheet 194455



Part No: RBEA62309

Job Qty: 1 pcs

Part Name: AS350/355 Field Maintenance



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 5/2/19

Job Tracking No:

Due Date: 6/20/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG RBEA62309 rev.T IPP REV:A 17.12.13 NEW ISSUE DD VERF:DP/IPP Rev.B 19.02.28 drawing revision
DP Verify DD/IPP Rev. C 19.04.01 drawing revision DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Small Fab - Issue SN	1 pcs	6/20/19		0.00	0.00	Small Fab - 1		DAS 71 9-89 19-5-21
							Small Fab - 2		
							Small Fab - 3		
							Small Fab - 4		
							Small Fab - 5		
							Small Fab - 6		
							Small Fab - 7		
105	Small Fab - 2 - B4B	1 pcs	6/20/19		0.00	2.22	Small Fab - 1 - B4B		HLL
							Small Fab - 2 - B4B		
							Small Fab - 3 - B4B		
							Small Fab - 4 - B4B		
							Small Fab - 5 - B4B		
							Small Fab - 6 - B4B		
							Small Fab - 7 - B4B		
120	QC 5	1 pcs	6/20/19		0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		



Container No: S182088



Part: RBEA62309

Job No: 194455

Serial No/Batch: S182088

Revision: T
Inspector:
Exp Date:
Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 05/17/19

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130 Packaging 3-1 - Stock - B4B 1 pcs	6/20/19	0.00 0.00	QC 5 - 40		MAY 23 2019
			Packaging 3 - 1 - B4B		
			Packaging 3 - 2 - B4B		
			Packaging 3 - 3 - B4B		
			Packaging 3 - 4 - B4B		
			Packaging 3 - 5 - B4B		DAS
			Packaging 3 - 6 - B4B		28
			Packaging 3 - 7 - B4B		9-89
			Packaging 3 - 8 - B4B		
			Packaging 3 - 9 - B4B		
			Packaging 3 - 10 - B4B		
			Packaging 3 - 11 - B4B		
			Packaging 3 - 12 - B4B		
			Packaging 3 - 13 - B4B		
			Packaging 3 - 14 - B4B		
			Packaging 3 - 15 - B4B		
			Packaging 3 - 16 - B4B		
			Packaging 3 - 17 - B4B		
			Packaging 3 - 18 - B4B		
			Packaging 3 - 19 - B4B		
			Packaging 3 - 20 - B4B		
			Packaging 3 - 21 - B4B		
			Packaging 3 - 22 - B4B		
			Packaging 3 - 23 - B4B		
			Packaging 3 - 24 - B4B		
			Packaging 3 - 25 - B4B		
			Packaging 3 - 26 - B4B		
			Packaging 3 - 27 - B4B		
			Packaging 3 - 28 - B4B		
			Packaging 3 - 29 - B4B		
			Packaging 3 - 30 - B4B		
			Packaging 3 - 31 - B4B		
			Packaging 3 - 32 - B4B		
			Packaging 3 - 33 - B4B		
			Packaging 3 - 34 - B4B		
			Packaging 3 - 35 - B4B		
			Packaging 3 - 36 - B4B		
140 QC 21 - FG 1 pcs	6/20/19	0.00 0.00	QC 21 - FG - 21		DAS
			QC 21 - FG - 70		21
			QC 21 - SA - 53		9-89

RB001

MAY 23 2019

Part Op 100 - Issue S/N. No labor cost associated with this operation

Descriptions: 105 - 1-Engrave placard RB41011 using marktronic engraver 2-Transfer drill Dart placard RB41011 into Pelican case APP-1750-E 3-Deburr holes and remove chips from case. 4-Rivet Dart placard to Pelican case 5-Glue foam to case and pack case as per drawing.

120 - (QC5- Inspect part completeness to step on W/O)

130 - (Identify as per dwg & Stock Location: _____)

140 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
APP-1750-E	Pelican Case 1750	1 Ea (1 ea)	100-Small Fab - Issue SN	5160372
5274T761	Polypropylene Vial for Flange Wrench Bolts	1 Ea (1 ea)	105-Small Fab - 2 - B4B	5142197 ✓ 48
7189K31	Cable Ties Black	1 Ea (1 ea)	105-Small Fab - 2 - B4B	5036430 ✓ 45
9052000	10" Mini Bungee Cord	4 Ea (4 ea)	105-Small Fab - 2 - B4B	5094607 ✓ 30
97524A032	Sealing Blind Rivet	4 Ea (4 ea)	105-Small Fab - 2 - B4B	5145165 ✓
NAS1756-12	Remove Before Flight	1 Ea (1 ea)	105-Small Fab - 2 - B4B	5134216 ✓ 25
RB41011	Dart Tooling Placard, Aluminum	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5021040 ✓
RBE-350DAMPER	Damper Spanner Wrench	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5107758
RBE-350HYD	Hydraulic Accumulator Fitting Gauge	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5162451 ✓ 144A
RBE-350INCLINOMETER	Inclinometer	1 Ea (1 ea)	105-Small Fab - 2 - B4B	5090835 ✓ 143B
RBE-350TDRS	Tail Rotor Driveshaft Bearing Run-Out Gauge	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5115851 ✓ 77
RBE-350TEMP	Temperature Probe	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5096175 ✓ 144A
RBE350A93-3200-20-1	Main Gear Box/Rotor Brake Retaining Nut Wrench	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5115438 ✓ 143
RBE350A93-3205-00E	Engine Gear Box Input Flange Holding Wrench	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5160976 ✓ 143
RBE350A93-3205-00T	Tail Rotor Gear Box Input Flange Holding Wrench	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5160994 ✓ 143
RBE350A93-3300-20	Tail Rotor Hub Socket	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5167961 ✓ 143
RBE350A93-3302-02	Tail Rotor Hub Lock Wrench	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5174026 ✓ 143B
RBE350A93-3303-02	Tail Rotor Head Body Extractor Tool	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5174725 ✓ 143A
RBE350A93-3305-20-1	Tail Gearbox Wrench	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5120027 ✓ 143A
RBE350A93-3307-00	Tail Gearbox Seal Extractor	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5181973 ✓ 143A
RBE350A93-3312-03	Tail Rotor Hub Bushing Replacement Tool	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5121708 ✓ 143A
RBE350A93-3316-20-1	Rotating Star Replacement Wrench	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5179919 ✓ 143A
RBE350A93-3317-20	Tail Rotor Hub Insert Tool	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5101575 ✓ 143A
RBE350A93-3400-00	Drive Shaft Thimble	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5115896 ✓ 143A
RBE350A93-3500-00	Bearing Extractor	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5156431 ✓ 143B
RBE350A93-3501-20	Extraction Tool, Hydraulic Pump Pulley Bearing	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5122864 ✓ 143A
RBE350A94-2704-00	Pedals Locking Tool	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5116133 ✓ 141A
RBE350A94-2706-00	Rigging Pin Set	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5121872 ✓ 141A
RBE350A94-2708-01	Tail Rotor Blade Locking Tool	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5181951 ✓ 141A
RBE350A94-3301-00	Tail Rotor Accelerator Support	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5113375 ✓ 141A
RBE350A94-3700-A	Swashplate Immobilizing Tools Long Brace & Parts	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5152954 ✓ 141A
RBE350A94-3700-B	Swashplate Immobilizing Tool, Short Brace Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5172681 ✓ 141A
RBE350A94-3700-C	Swashplate Immobilizing Tools Adjustable Brace	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5183103
RBE350A94-3701-00	7° Main Rotor Rigging Tool	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5155061 ✓ 141A
RBE350A94-5201-20	Cartridge, Dummy, Fuel	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5117215 ✓ 141B
RBE703A94-1130-01	Main Rotor Blade Trim Tab Tools Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	
RBE703A95-0505-00-15	TGB Drain Tube Quill Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5181666 ✓ 76
RBE703A95-0508-00-15	MGB Drain Tube Quill Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5181754
RBE703A95-0508-00-17	MGB Drain Tube Hose Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5181864
RBE703A95-0520-01-17	Engine & Hydraulic Drain Tube Quill Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5170658 ✓ 76
RBE703A95-0520-01-19	Engine & Hydraulic Drain Tube Hose Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5161597 ✓ 76
RBEA62309-2	Bottom Cushion use in case APP-1750-E	1 Ea (1 ea)	105-Small Fab - 2 - B4B	5168377
RBEA62309-3	Stiffener Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5170230
RBEA62309-6	Top Cushion use in case APP-1750-E	1 Ea (1 ea)	105-Small Fab - 2 - B4B	5168374
RBEA62309-7	Top Foam Cushion use in case APP-1750-E	1 Ea (1 ea)	105-Small Fab - 2 - B4B	5168373
RBEA62309-8	Top Shelf Placard	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5159419 ✓ 135
RBEA62309-9	Bottom Shelf Placard	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5159501 ✓ 135
RBEA62310	AS350/355 Engine Strut	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5174410 ✓ 135
RBT18025-13	Linear Scale (50 lbs)	1 Ea (1 ea)	105-Small Fab - 2 - B4B	5131169 ✓ 144A
RBW109-3101-58-1-1	Hammer, Steel	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5170554 ✓ 102
RBW109-3101-58-2-1	Hammer, Aluminum	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5154677 ✓ 102

→ RBE 703 A94 -1130-01-01

Qty 1

5162244

→ RBE 703 A94 -1130-01-23

Qty 1

5142166

[Faint handwritten notes at the bottom of the page]

The figure consists of 12 small, black and white photographs arranged in a single horizontal row. Each photograph shows a different stage of an embryo's development. From left to right, the stages progress from a single cell to a more complex, elongated structure with visible internal details. The embryos are shown against a light background, and their positions are slightly offset vertically for clarity.

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Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Small Fab - Issue SN	APP-1750-E	1	7	0
105-Small Fab - 2 - B4B	5274T761	1	21	0
	7189K31	1	757	0
	9052000	4	59	0
	97524A032	4	305	0
	NAS1756-12	1	202	0
	RB41011	1	337	0
	RBE-350DAMPER	1	1	0
	RBE-350HYD	1	10	0
	RBE-350INCLINOMETER	1	17	0
	RBE-350TDRS	1	17	0
	RBE-350TEMP	1	3	0
	RBE350A93-3200-20-1	1	9	0
	RBE350A93-3205-00E	1	7	0
	RBE350A93-3205-00T	1	8	0
	RBE350A93-3300-20	1	20	0
	RBE350A93-3302-02	1	3	0
	RBE350A93-3303-02	1	3	0
	RBE350A93-3305-20-1	1	27	0
	RBE350A93-3307-00	1	1	0
	RBE350A93-3312-03	1	3	0
	RBE350A93-3316-20-1	1	19	0
	RBE350A93-3317-20	1	19	0
	RBE350A93-3400-00	1	39	0
	RBE350A93-3500-00	1	3	0
	RBE350A93-3501-20	1	10	0
	RBE350A94-2704-00	1	4	0
	RBE350A94-2706-00	1	3	0
	RBE350A94-2708-01	1	1	0
	RBE350A94-3301-00	1	6	0
	RBE350A94-3700-A	1	3	0
	RBE350A94-3700-B	1	6	0
	RBE350A94-3700-C	1	1	0
	RBE350A94-3701-00	1	9	0
	RBE350A94-5201-20	1	4	0
	RBE703A94-1130-01	1	0	0
	RBE703A95-0505-00-15	1	1	0
	RBE703A95-0508-00-15	1	0	0
	RBE703A95-0508-00-17	1	0	0
	RBE703A95-0520-01-17	1	6	0
	RBE703A95-0520-01-19	1	6	0
	RBEA62309-2	1	8	0
	RBEA62309-3	1	2	0
	RBEA62309-6	1	8	0
	RBEA62309-7	1	8	0
	RBEA62309-8	1	18	0
	RBEA62309-9	1	3	0
	RBEA62310	1	2	0
	RBT18025-13	1	11	0
	RBW109-3101-58-1-1	1	6	0
	RBW109-3101-58-2-1	1	6	0

Part Specifications

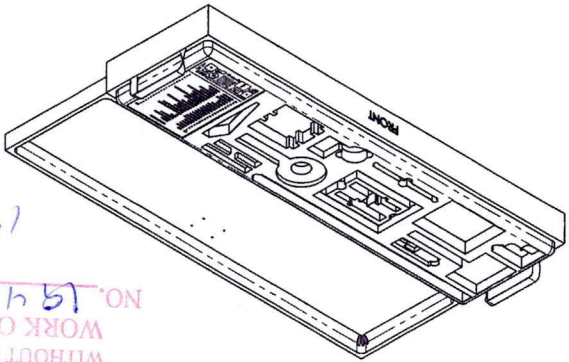
Specifications could not be found.

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ITEM #	QTY	PART #	PART TITLE
-1	1	RBEA62309-1	PACKAGING ASSEMBLY
-8	1	RBEA62309-8	TOP SHELF PLACARD
-9	1	RBEA62309-9	BOTTOM SHELF PLACARD
-10	4	RBEA62309-10	HIGHLAND#9052000 OR EQUIV. (BUNGEE CORP 1/4" DIA X 10" LG.)
-11	1	RBEA62309-11	NAS 1756-12 (REMOVE BEFORE FLIGHT FLAG)
-12	1	RBEA62309-12	McMaster#7169K31 OR EQUIV. (NYLON CABLE TIES 5-1/2" LG. X 1-1/8" MAX. BUNDLE DIA.)
-13	1	RBEA62309-13	McMaster#5274T81 OR EQUIV. (PLASTIC VIAL 2" DIA X 1-5/8" HT.)
14	1	RBE350A93-3200-20	MGB/ROTOR BRAKE RETAINING NUT WRENCH
15	1	RBE350A93-3205-00E	ENGINE G/B INPUT FLANGE HOLDING WRENCH
16	1	RBE350A93-3205-00T	T/R G/B INPUT FLANGE HOLDING WRENCH
17	1	RBE350A93-3300-20	T/R HUB SOCKET
18	1	RBE350A93-3302-02	T/R HUB LOCK WRENCH
19	1	RBE350A93-3303-02	T/R BODY EXTRACTOR TOOL
20	1	RBE350A93-3305-20	TAIL GEARBOX WRENCH
21	1	RBE350A93-3307-00	TAIL GEARBOX SEAL EXTRACTOR
22	1	RBE350A93-3312-03	T/R HUB BUSHING REPLACEMENT TOOL
23	1	RBE350A93-3316-20	ROTATING STAR REPLACEMENT WRENCH
24	1	RBE350A93-3317-20	TAIL ROTOR HUB INSERT TOOL
25	1	RBE350A93-3400-00	DRIVE SHAFT THIMBLE
26	1	RBE350A93-3500-00	BEARING EXTRACTOR
27	1	RBE350A93-3501-20	EXTRACTION TOOL HYD. PUMP PULLEY BEARING
28	1	RBE350A94-2704-00	JAMMING TOOL, PEDALS
29	1	RBE350A94-2706-00	RIGGING PIN SET
30	1	RBE350A94-2708-01	T/R BLADE LOCK FIXTURE
31	1	RBE350A94-3301-00	T/R ACCELERATOR SUPPORT
32	1	RBE350A94-3700-A	SWASHPLATE IMMOBILIZING TOOL LONG BRACE
33	1	RBE350A94-3700-B	SWASHPLATE IMMOBILIZING TOOL SHORT BRACE
34	1	RBE350A94-3700-C	SWASHPLATE IMMOBILIZING TOOL ADJUSTABLE BRACE
35	1	RBE350A94-3701-00	M/R RIGGING TOOL
36	1	RBE350A94-5201-20	CARTRIDGE, DUMMYY, FUEL
37	1	RBE-350DAMPFR	DAMPER SPANNER WRENCH
38	1	RBE-350HYD	HYDRAULIC ACCUMULATOR FITTING GAUGE
39	1	RBE-350INCLINOMETER	INCLINOMETER
40	1	RBE-350TEMP	TEMPERATURE PROBE
41	1	RBE-350TRDS	T/R DRIVESHAFT BEARINGS RUN OUT GAUGE
42	1	RBE703A94-1130-01-01	IMMOBILIZING CLIP ASSEMBLY
43	1	RBE703A94-1130-01-23	DEFLECTION CLIP ASSEMBLY
44	1	RBE703A96-0505-00-15	TGB DRAIN TUBE QUILT ASSEMBLY
45	1	RBE703A96-0508-00-15	MGB DRAIN TUBE QUILT ASSEMBLY
46	1	RBE703A96-0508-00-17	MGB DRAIN TUBE HOSE ASSEMBLY
47	1	RBE703A96-0520-01-17	ENGINE & HYDRAULIC DRAIN TUBE QUILT ASSEMBLY
48	1	RBE703A96-0520-01-19	ENGINE & HYDRAULIC DRAIN TUBE HOSE ASSEMBLY
49	1	RBEA62310	AS350/355 ENGINE STRUT
50	1	RBT18025-13	LINEAR SCALE
51	1	RBW109-3101-58-1-1	HAMMER, STEEL
52	1	RBW109-3101-58-2-1	HAMMER, ALUMINUM
53	1	RB41011	DART PLACARD
54	4	McMaster#97524A032 OR EQUIV.	ALUMINUM SEALING BLIND RIVETS 1/8" DIA. X 0.425" LG.

REV. T SHEET 1 OF 11 SCALE NTS AS350/355 FIELD MAINTENANCE KIT DATE 3/27/2019 APPROVED MFG. APPR. CHECKED DRAWN DESIGN DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. S DESCRIPTION -10 P/N WAS McMaster#8835T93 (ELASTIC TIE DOWN) OR EQUIV. IS HIGHLAND#9052000 (ELASTIC TIE DOWN) OR EQUIV. -9 IS BOTTOM SHELF PLACARD. -8 ENGRAVING FOR BOTTOM SHELF REMOVED. UPDATED ENGRAVING -5 ADDED HEAT CUT NOTE UPDATED BOM TO REFERENCE CORRECT TOOL NUMBERS TO BE INCLUDED IN KIT ITEM -13 WAS ITEM -12 ITEM -12 WAS ITEM -11 ITEM -11 WAS ITEM -10 ITEM -10 WAS ITEM -9 SEE PREVIOUS REVISIONS FOR MORE INFORMATION	REV. T DESCRIPTION -4 DIM WAS ϕ 0.261/0.257 THRU IS ϕ 0.257 THRU -3 DIM WAS 3.50 REF IS 3.29 -2 DIM WAS 1.63 REF IS 1.63 ITEM 58 WAS McMaster#97447A651 OR EQUIV. IS McMaster#97484A341 OR EQUIV. REPLACED ITEM -5 WITH DTP10002
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RBEA62309 AS350/355 FIELD MAINTENANCE KIT



UNCONTROLLED COPY
 SUBJECT TO AMENDMENT
 WITHOUT NOTICE
 WORK ORDER
 NO. 194455
 M/S
 190502

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QS1042)	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor		
			QC / QA Coordinator		
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					